

9th Class 2017

Chemistry	Group-I	Paper-I
Time: 15 Minutes	(Objective Type)	Max. Marks: 12

Note: Four possible answers A, B, C and D to each question are given. The choice which you think is correct, fill that circle in front of that question with Marker or Pen ink in the answer-book. Cutting or filling two or more circles will result in zero mark in that question.

1-1- If 10 cm^3 of alcohol is dissolved in 100 g of water, it is called:

(a) $\% \frac{m}{m}$ (b) $\% \frac{m}{v}$

(c) $\% \frac{v}{m} \checkmark$ (d) $\% \frac{v}{v}$

2- The oxidation number of chromium in $\text{K}_2\text{Cr}_2\text{O}_7$ is:

(a) +2 (b) +6 \checkmark
(c) +7 (d) +14

3- Triple covalent bond involves how many electrons:

(a) Eight (b) Six \checkmark
(c) Four (d) Only three

4- In the redox reaction between Zn and HCl, the oxidizing agent is:

(a) Zn (b) H^+ \checkmark
(c) Cl^- (d) H_2

5- The molar mass of H_2SO_4 is:

(a) 98 g \checkmark (b) 98 amu
(c) 9.8 g (d) 9.8 amu

6- Which one of the following solutions contains more water:

(a) 2 M (b) 1 M
(c) 0.5 M (d) 0.25 M \checkmark

- 7- Which one of the following molecule is not tri-atomic:
- (a) H_2 ✓ (b) O_3
(c) H_2O (d) CO_2
- 8- Which one of the following is not amorphous solid:
- (a) Rubber (b) Plastic
(c) Glass (d) Glucose ✓
- 9- Which one of the following halogens has lowest electro-negativity:
- (a) Fluorine (b) Chlorine
(c) Bromine (d) Iodine ✓
- 10- Which one of the following shell consists of three subshells:
- (a) O shell (b) N shell
(c) L shell (d) M shell ✓
- 11- Which one of the following will not react with dilute HCl:
- (a) Sodium (b) Potassium
(c) Calcium (d) Carbon ✓
- 12- Transition elements are:
- (a) All gases (b) All metals ✓
(c) All non-metals (d) All metalloids